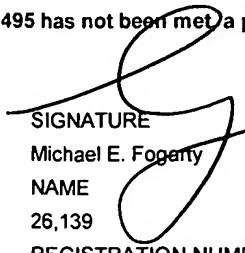


FORM PTO-1390	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		043888-0384
		U.S. APPLIG. NO. (if known, see 37 CFR 1.5) Not yet assigned
INTERNATIONAL APPLICATION NO PCT/JP2003/015757	INTERNATIONAL FILING DATE December 9, 2003	PRIORITY DATE CLAIMED December 27, 2002
TITLE OF INVENTION ELECTROCHEMICAL DEVICE		
APPLICANTS FOR DO/EO/US Ken NISHIMURA, Naoto ARAI, Toru OSHIMA, Fumio DAIO, Munehisa IKOMA, Hideo KAIYA		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.		
3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input checked="" type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)		
6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11. to 16. below concern other document(s) or information included:		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input checked="" type="checkbox"/> PCT Request		
17. <input checked="" type="checkbox"/> Translations of Article 34 Amendments and "Reply"		
18. <input checked="" type="checkbox"/> Front page of the published International Application		
19. <input checked="" type="checkbox"/> Form PCT/ISA/210		
20. <input checked="" type="checkbox"/> Other items or information. Form PCT/IB/301, 304, 308, 332		

U.S. APPLIC. NO. (if known, see 37 CFR 1.50) Not yet assigned		INTERNATIONAL APPLICATION NO. PCT/JP2003/015757		ATTORNEY'S DOCKET NUMBER 043888-0384	
				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> The following fees are submitted:					
<input checked="" type="checkbox"/> Basic National Stage Fee \$300 \$300.00					
22. <input checked="" type="checkbox"/> Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) All other situations \$100 \$200 \$200.00					
23. <input checked="" type="checkbox"/> Search Fee Search fee (37 CFR 1.445(1)(2)) has been paid on the international application to the USPTO as an International Searching Authority International Search Report prepared and provided to the Office \$100 \$400 \$500 All other situations					
TOTAL OF 21, 22 and 23 = \$900.00					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)	RATE		
-100	/50=		X\$250 \$		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). \$					
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims		27-20 =	7	x \$50.00 \$350.00	
Independent Claims		1-3 =		x \$200.00 \$	
Multiple dependent claim(s) (if applicable)				+ \$360.00 \$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$1610.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
				SUBTOTAL = \$	
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)). +				\$	
TOTAL NATIONAL FEE =					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$40.00	
TOTAL FEES ENCLOSED =				\$1650.00	
				Amount to be refunded	\$
				Amount to be charged	\$1650.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of \$ <u>1650.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer Number <u>20277</u>					
Telephone: 202.756.8000					
Facsimile: 202.756.8087					
 SIGNATURE Michael E. Fogarty NAME 26,139 REGISTRATION NUMBER					